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FVI (N/E)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 17 1989

In re Applicant §  
CHING-WU CHU §  
Serial No. 032,041 §  
Filed: March 26, 1987 § Group Art Unit 111  
For: SUPERCONDUCTIVITY IN §  
SQUARE-PLANAR COMPOUND §  
SYSTEMS §  
Examiner Dennis Albrecht §

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AMENDMENT

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

Please amend the above identified application as follows:

IN THE CLAIMS

Please add the following claim:

NE  
97. A Y-Ba-Cu-O complex containing a  
super-conductive crystalline phase consisting essentially  
of Y, Ba, Cu and O which has zero electrical resistance  
above 77°K, said superconductive crystalline phase having  
a crystal structure uncharacteristic of that of a K<sub>2</sub>NiF<sub>4</sub>  
crystal structure, and said superconductive crystalline  
phase being present in said composition of matter in a  
quantity sufficient to provide the composition with a  
diamagnetic signal at 4.2°K corresponding to at least 24%  
of the superconducting signal of a lead sample with  
similar dimensions.

REMARKS

The new claim is added in order to place in the  
application a claim identical in language to a Count by